

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-109668

(43)Date of publication of application : 18.04.2000

(51)Int.Cl.

C08L 69/00
// (C08L 69/00
C08L 83:04
C08L 27:18)

(21)Application number : 10-287878

(71)Applicant : **ASAHI CHEM IND CO LTD**

(22)Date of filing : 09.10.1998

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(54) FLAME-RETARDANT POLYCARBONATE COMPOSITION

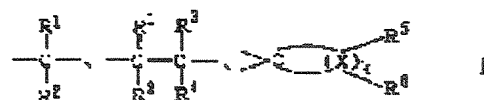
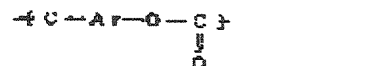
(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a polycarbonate compsn. excellent in flowability and flame retardancy by incorporating a polycarbonate having terminal phenolic hydroxyl groups in a specified amt. or higher and a wt. average mol.wt. in a specified range, an organopolysiloxane, and polytetrafluoroethylene, each in a specified amt., into the same.

SOLUTION: This compsn. contains 100 pts.wt. polycarbonate comprising repeating units represented by formula I and having a content of terminal phenolic hydroxyl group of 0.05 wt.% or higher and a wt. average mol.wt. of 15,000-25,000, 1-30 pts.wt.

organopolysiloxane having a wt. average mol.wt. of 10,000-300,000, and 0.1-0.5 pt.wt.

polytetrafluoroethylene dispersed as fibrils having diameters of 0.5 μm or lower. In formula I, Ar is a divalent arom. group or $-\text{Ar1}-\text{Y}-\text{Ar2}-$ (wherein Ar1 and Ar2 are each arylene; and Y is an optionally subst'd.



LEGAL STATUS

[Date of request for examination]

08.09.2005

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]